

Local Climatological Data



MONTHLY SUMMARY

LATITUDE 37°30' N LONGITUDE 77°20' W ELEVATION (GROUND) 164 FT. STANDARD TIME USED: EASTERN WBAN #13740

Main data table with 22 columns (DATE, TEMPERATURE, DEGREE DAYS, WEATHER TYPES, SNOW, PRECIPITATION, WIND, SUNSHINE, SKY COVER) and 30 rows of daily data.

\* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON AN EARLIER DATE, OR DATES.

MORE OBSERVATIONS PER DAY AT 3-HOUR INTERVALS. FASTEST MILE WIND SPEEDS ARE FASTEST OBSERVED ONE-MINUTE VALUES...

SUMMARY BY HOURS

Summary by hours table with columns for HOUR LOCAL TIME, SKY COVER, STATION PRESSURE, TEMPERATURE (AIR, WET, BULB, DEW), RELATIVE HUMIDITY, WIND SPEED, DIRECTION, RESULTANT WIND SPEED.

HOURLY PRECIPITATION (WATER EQUIVALENT IN INCHES)

Hourly precipitation table with columns for DATE, A.M. HOUR ENDING AT, P.M. HOUR ENDING AT, and precipitation values in inches.

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noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA AND INFORMATION SERVICE

Daniel B. Mitchell
DIRECTOR, NATIONAL CLIMATIC CENTER

APRIL 1980 RICHMOND, VIRGINIA

USB FILE COPY

# OBSERVATIONS AT 3-HOUR INTERVALS

HOUR	VISI-BILITY			TEMPERATURE				WIND				VISI-BILITY			TEMPERATURE				WIND																			
	SKY COVER	CEILING HIGHS OF FT.	MOLES	AIR ° F	NET BULB ° F	DEW PT. ° F	REL. HUM.	DIR	SPEED	DIR	DIR	DIR	SKY COVER	CEILING HIGHS OF FT.	MOLES	AIR ° F	NET BULB ° F	DEW PT. ° F	REL. HUM.	DIR	SPEED	DIR	SKY COVER	CEILING HIGHS OF FT.	MOLES	AIR ° F	NET BULB ° F	DEW PT. ° F	REL. HUM.	DIR	SPEED	DIR						
DAY 01																																						
01	0	UNL	15	43	42	41	93	32	6	0	UNL	15	43	40	37	79	10	6	7	UNL	12	12	59	54	50	72	103	9										
04	10	12	15	43	42	40	89	01	12	0	UNL	12	40	39	37	89	00	0	10	250	8	10	56	52	48	75	03	9										
07	8	80	15	42	40	38	86	02	10	0	UNL	12	41	40	38	89	19	0	10	UNL	8	10	53	49	46	77	04	8										
10	4	UNL	15	46	43	39	77	01	8	0	UNL	12	58	50	42	55	23	12	2	UNL	7	10	62	53	44	52	05	6										
13	4	UNL	15	55	48	40	57	09	4	1	UNL	12	71	59	50	48	20	9	2	UNL	10	10	70	57	47	44	09	10										
16	3	UNL	15	61	51	49	43	62	09	4	1	UNL	12	78	61	48	29	15	8	UNL	10	10	71	58	48	44	11	10										
19	3	UNL	15	56	49	43	62	09	5	10	UNL	12	68	58	51	56	20	6	10	200	12	10	60	54	48	65	10	9										
22	0	UNL	15	45	43	41	86	10	5	7	UNL	12	61	54	49	65	20	5	10	45	12	10	56	54	52	87	12	8										
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NOTES  
CEILING  
UNL INDICATES UNLIMITED

WEATHER  
\* TORNADO  
T THUNDERSTORM  
O SQUALL  
R RAIN  
RW RAIN SHOWERS  
ZR FREEZING RAIN  
L ORIZZLE  
ZL FREEZING ORIZZLE  
S SNOW  
SP SNOW PELLETS  
IC ICE CRYSTALS  
SM SNOW SHOWERS  
SG SNOW GRAELS  
IP ICE PELLETS  
A HAIL  
F FOG  
IF ICE FOG  
GF GROUND FOG  
BD BLOWING DUST  
BN BLOWING SAND  
BS BLOWING SNOW  
BY BLOWING SPRAY  
K SMOKE  
H HAZE  
D DUST

WIND  
DIRECTIONS ARE THOSE FROM WHICH THE WIND BLOWS, INDICATED IN TENS OF DEGREES FROM TRUE NORTH; I.E., 09 FOR EAST, 18 FOR SOUTH, 27 FOR WEST. ENTRY OF 00 IN THE DIRECT COLUMN INDICATES CALM.  
SPEED IS EXPRESSED IN KNOTS; MULTIPLY BY 1.15 TO CONVERT TO MILES PER HOUR.

STATION  
RICHMOND VA

YEAR & MONTH  
80 04

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ASHEVILLE, N.C. 28801

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